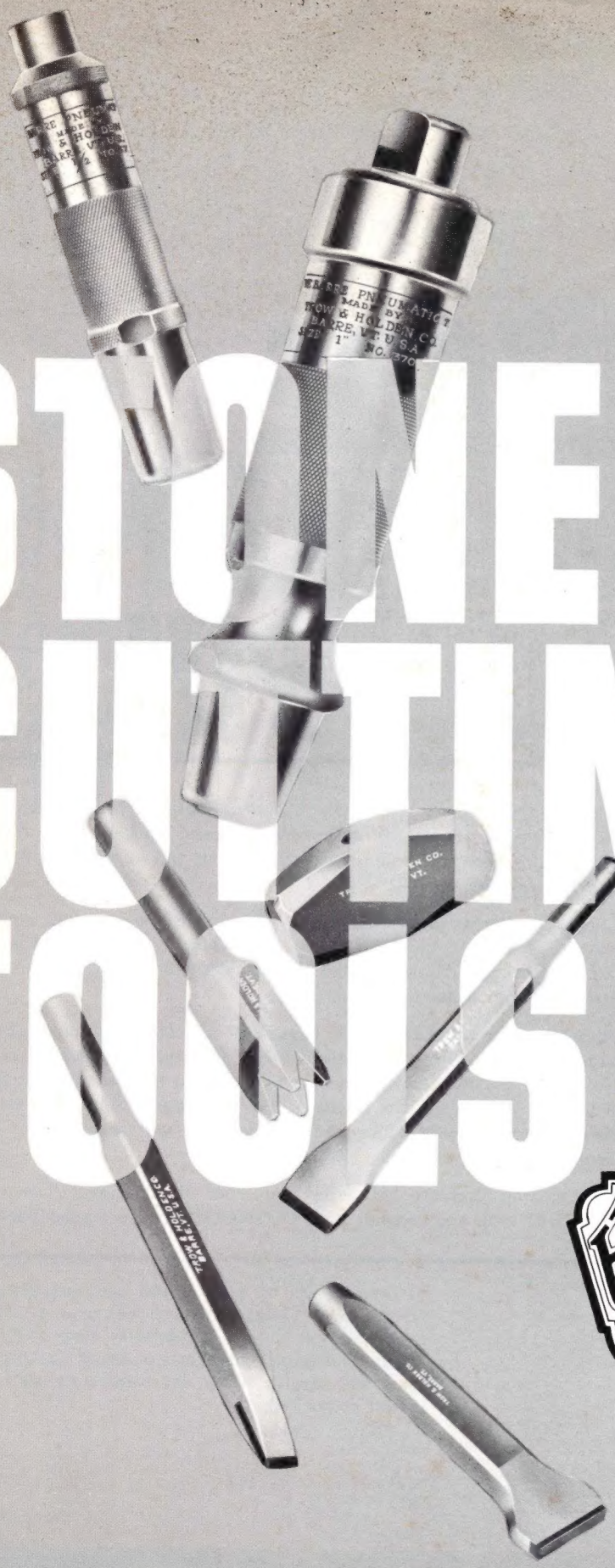
CATALOG 12



STONE CUTTING TOOLS

"BARRE" BRAND
"TROWCO" BRAND

...the finest in
Stone Working Tools
for over 70 years!

TROW & HOLDEN COMPANY, BARRE, VERMONT

"BARRE" BRAND "TROWCO" BRAND

STONE WORKING TOOLS AND SUPPLIES

The Trow & Holden Company has manufactured the "BARRE" Stone Working Tools for over seventy years, during which time nothing has been left undone to perfect them and to maintain their excellent quality.

Long and critical use reveals in them the care which goes into every feature of their manufacture, and the exacting inspection accompanying their production by the most modern machinery and processes and labor of the highest skill.

For over 50 years, TROW & HOLDEN has been manufacturing hand and pneumatic stone cutting tools—tools you can depend on. Now, they are tipped with carbide to help you to cut stone *faster!* What this means to you is the ablest performing tools you have ever known—perfectly balanced beauties that will save time . . . step up your production.

This catalog presents for handy reference the complete line of "BARRE" tools and supplies and "TROWCO" Carbide Tipped Tools.

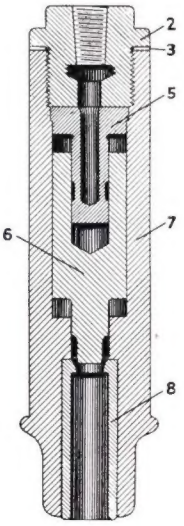
Where repairs or replacements are necessitated from misuse, abuse, or neglect, we cannot assume responsibility, but we do guarantee every tool to be free from material defects or faulty workmanship and to give steady and satisfactory service under proper care.

... the finest in Stone Working Tools for over 70 years!

TABLE OF CONTENTS

	Page
"BARRE" Pneumatic Carving Tools	2
"BARRE" Pneumatic Hammers	3
"BARRE" Pneumatic Surfacers	4, 5
"BARRE" Portable Crane Surfacer	6
"BARRE" Stationary Crane Surfacer	7
"TROWCO" Carbide Tipped Tools	8, 9
"BARRE" Tools for use with Pneumatic Carving and Lettering Tools	10, 11, 12
"BARRE" Tools for use with Pneumatic Hand Surfacer	13
"BARRE" Tools for use with Surfacing Machines	14
"BARRE" Hollow Drill Steels Removable Rock Bits (Timken)	15
"BARRE" Hand Cutting Tools	16
"BARRE" Hammers	17
"BARRE" Sharpeners Tools	18
"BARRE" Stone Working Supplies	19, 20, 21, 22
Hand Held Drills (Gardner-Denver)	23
Compressors (Gardner-Denver)	24
Rock Drilling Equipment (Gardner-Denver)	25

"BARRE" PNEUMATIC CARVING TOOLS



Type A Size A

THE "BARRE" SHORT STROKE PNEUMATIC CARVING TOOL

This is the original "BARRE" pneumatic tool, identical in design and structure with the first one made. This type has been in use over fifty years and it is still unexcelled for its effectiveness on the finest work.

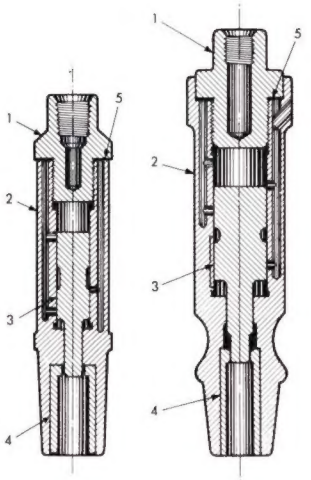
SPECIFICATIONS

	Size "A"
Diameter of Piston	7/8"
Outside Diameter	1 1/2"
Length overall	6 3/4"
Weight, lbs. & ozs.	2-12
Size Shank used	1/2"
Air Consumption, cu. ft.	4

PARTS LIST

No. 2 Cap	No. 6 Piston
3 Copper Gasket	7 Cylinder
5 Sleeve	8 Nose Bushing

1" 1 1/4" 1/2" 3/4"



1/2" & 3/4" 1" & 1 1/4"

THE "BARRE" (DALLETT STYLE) PNEUMATIC CARVING TOOL

SPECIFICATIONS

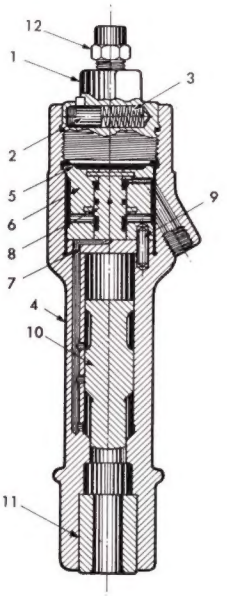
	SIZES			
	1/2"	3/4"	1"	1 1/4"
Diameter of Piston	9/16"	3/4"	1"	1 1/4"
Outside Diameter	1 1/8"	1 5/16"	1 11/16"	2"
Length overall	5 3/4"	6 3/4"	7 7/8"	8 3/4"
Weight, lbs. & ozs.	1-4	1-14	3-8	5-10
Size Shank	1/2"	1/2"	1/2"	5/8"
Air Consumption, in cu. ft.	3	4	6	8

PARTS LIST

No. 1 Cap	No. 4 Nose Bushing
2 Cylinder	5 Copper Gasket
3 Piston	

"BARRE" PNEUMATIC HAMMERS

HAND FACER BABY PLUGGER



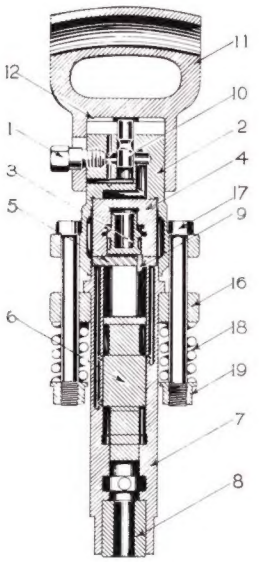
THE "BARRE" PNEUMATIC HAND FACER and BABY PLUGGER

SPECIFICATIONS

	Hand Facer	Baby Plugger
Piston Diameter	1 1/8"	1 1/8"
Length overall		16"
Weight		16 1/2 lbs.
Size of Shank	1 1/16"	1 1/16"
Air Consumption cu. ft.	20	20

PARTS LIST

No. 1 Head
2 Ratchet Pawl
3 Spring
4 Barrel
5 Fibre Washer
6 Valve Box
7 Valve Box Cap
8 Operating Valve
9 Dowel Pin
10 Piston
11 Bushing
12 Inlet Bushing
13 Head for Baby Plugger
14 Handle for Baby Plugger



THE "BARRE" PNEUMATIC PLUG DRILLER SIZE PDX

SPECIFICATIONS

Diameter of Piston	1 7/16"
Length overall	18"
Weight	25 lbs.
Size of Shank	1 1/16"
Air consumption, cu. ft.	30

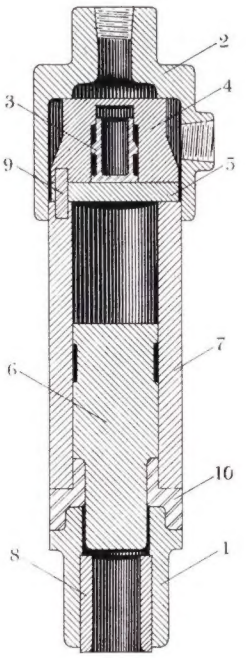
PARTS LIST

No. 1 Nipple Bushing
2 Cap
3 Valve
4 Valve Box
5 Valve Box Plate
6 Piston
7 Cylinder
8 Nose Bushing
9 Dowel Pin (2)
10 Throttle Valve
11 Handle
12 Fibre Washer
13 Exhaust Nipple
16 Side Rod Plate
17 Side Rod (2)
18 Side Rod Spring (2)
19 Side Rod Nut (2)

"BARRE" **PNEUMATIC SURFACERS**

THE "BARRE" PNEUMATIC SURFACER TOOLS

L.L.S. S.S. J.S.



SPECIFICATIONS

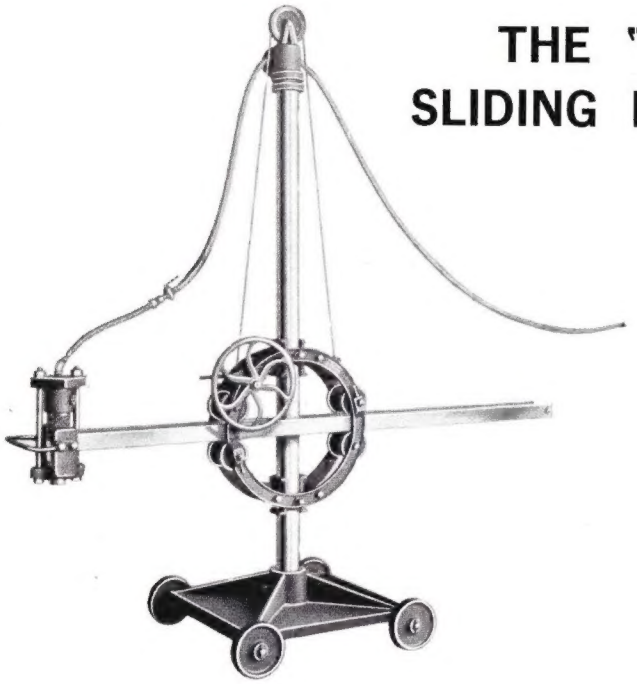
	SIZE		
	JS	SS	LLS
Diameter of Piston.	1¾"	2¼"	3"
Weight of Piston..	2¼ lbs.	5 lbs.	10 lbs.
Outside dia. of cyl.	2⅞"	3½"	4¾"
Outside dia. of cap	4"	4¼"	5½"
Length overall	14"	15½"	21½"
Total weight	23 lbs.	35 lbs.	80 lbs.
Size of shank used	1 x 4¾"	1¼ x 5½"	1½ x 7½"
Air consumption ..	40 cu. ft.	50 cu. ft.	90 cu. ft.
Size of hose req. .	½"	⅝"	¾"

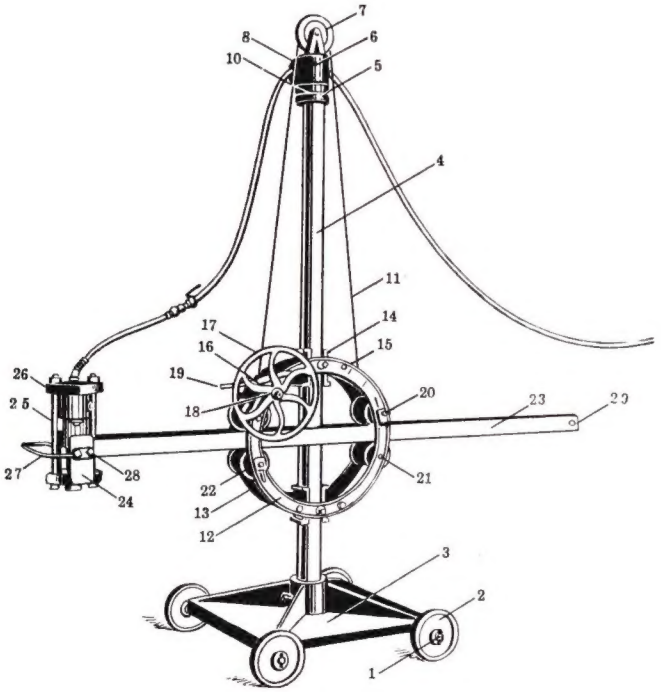
PARTS LIST

Sizes JS, SS and LLS

No. 1	Nose
2	Cap
3	Valve
4	Valve Box
5	Valve Box Plate
6	Piston
7	Cylinder
8	Nose Bushing
9	Dowel Pin
10	Cylinder Bushing

THE "BARRE" PNEUMATIC SLIDING BAR SURFACER, Type A





FRAME SPECIFICATIONS

	SS	LS
Base	30"x30"	36"x36"
Standard, double thick tubing	4" dia.	5" dia.
Total height	8'-0"	10'-9"
Carrier Bars, cold rolled steel	8'-0"	10'-6"
Working distance of head clear of base	5'-6"	7'-6"
Net weight	700 lbs.	1375 lbs.
Shipping weight	900 lbs.	1650 lbs.
Shipping weight with equipment	960 lbs.	1750 lbs.

PARTS LIST

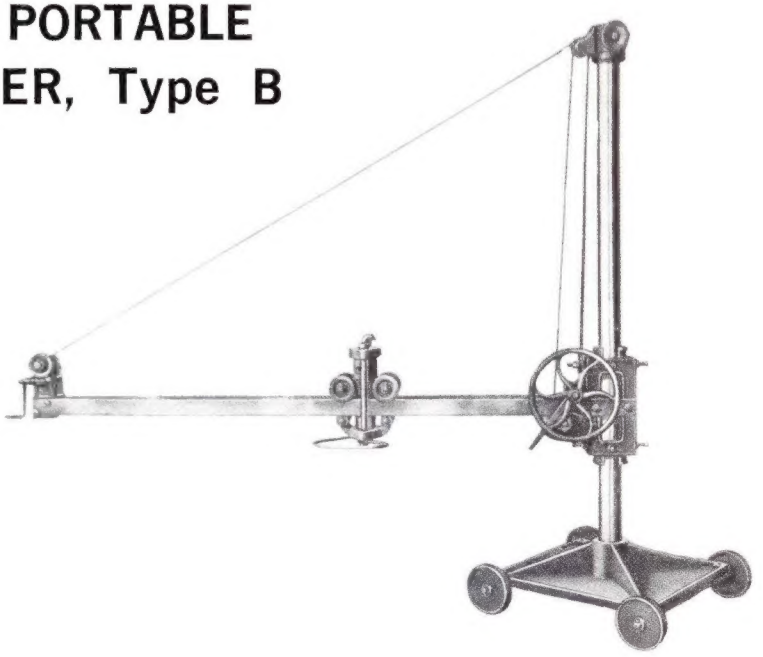
Part Number	Name of Part	Number Required
1	Axle	2
2	Truck Wheel	4
3	Base	1
4	Standard	1
5	Collar	1
6	Mast Cap	1
7	Rope Sheave	1
	Rope Sheave Pin	1
8	Hose Sheave	1
9	Hose Sheave Stud	1
10	Steel Balls, SS 35 LS	44
11	Hoisting Rope	1
12	Ring, Right Hand	1
13	Ring, Left Hand	1
14	Shoe	4
15	Girt	4
	Girt Screw	4
	Side Adjusting Screw	4
16	Windlass	1
17	Hand Wheel	1
18	Ratchet	1
19	Pawl	1
	Pawl Stud Bolt	1
*	Pawl Spring	1
20	Wheel Arbor, Long	2
	Adjusting Screw	2
21	Wheel Arbor, Short	2
22	Carrier Wheel, Plain	2
	Carrier Wheel, Flanged	2
23	Carrier Bar	2
24	Toolholder	1
25	Toolholder Bolt	2
26	Toolholder Plate	1
27	Handle	1
28	Toolholder Bar Bolt	4
	Handle Bolt, SS-O, LS	4
29	Rear Bar Spacer	1
	Front Bar Spacer	1

In ordering parts, state whether size SS or LS.

Tools for use with this machine are listed on page 14.

"BARRE" PORTABLE CRANE SURFACER

THE "BARRE" PORTABLE CRANE SURFACER, Type B

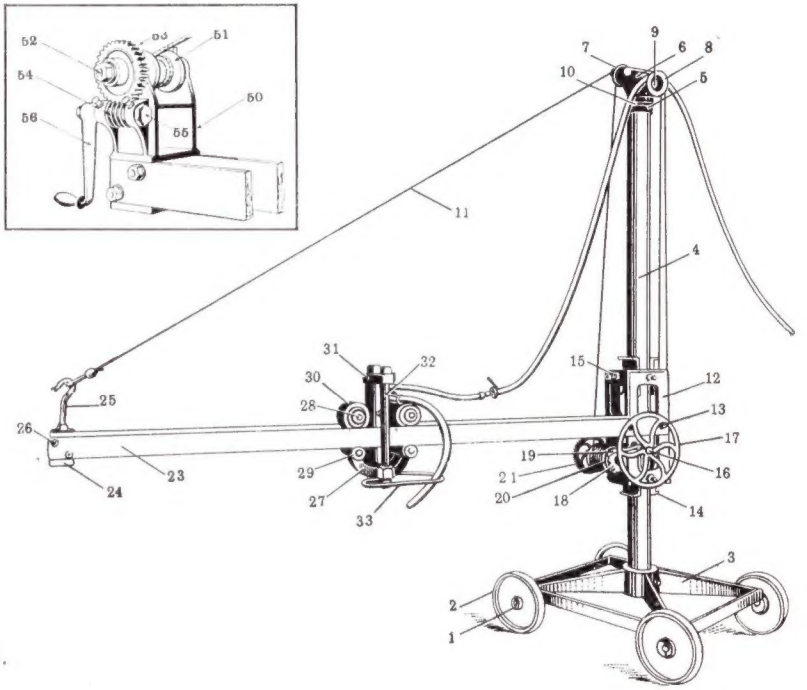


FRAME SPECIFICATIONS

	SS	LS
Base	30"x30"	36"x36"
Standard, double thick tubing	4" dia.	5" dia.
Total height	8'-0"	10'-9"
Carrier Bars, cold rolled steel, length	8'-0"	10'-0"
Working distance of head clear of base	5'-6"	7'-4"
Net weight	690 lbs.	1400 lbs.
Shipping weight	790 lbs.	1625 lbs.
Shipping wt., with equipment	850 lbs.	1725 lbs.

PARTS LIST

Part Number	Name of Part	Number Required
1	Axle	1
2	Truck Wheel	4
3	Base	1
4	Standard	1
5	Collar	1
6	Mast Cap	1
7	Rope Sheave SS-3, LS	5
	Rope Sheave Pin	2
	Rope Sheave Cap Screw	1
8	Hose Sheave	1
9	Hose Sheave Stud Bolt	1
10	Steel Balls SS-35, LS	44
11	Hoisting Rope	1
12	Carriage	1
13	Carrier Ball Bolt	2
	End Hoist Bolt	2
14	Shoe	4
15	Shoe Adjusting Screw	4
	Side Adjusting Screw	4
16	Windlass Arbor	1
	Windlass Drum Arbor	1
17	Hand Wheel	1
18	Ratchet	1
19	Pawl	1
20	Windlass Drum	1
21	Windlass Large Gear	1
22	Windlass Small Gear	1
23	Carrier Bar	2
27	Toolholder	1
28	Carrier Wheel Arbor	4
29	Lower Flange Wheel	4
30	Upper Flange Wheel	4
31	Toolholder Plate	1
32	Toolholder Bolt	2
33	Handle	1
34	Post Hanger (Type C)	2
	Tie Rod (Type C)	1
50	End Hoist Frame	1
51	End Hoist Drum	1
52	End Hoist Drum Arbor	1
53	Worm Gear	1
54	Worm	1
55	Worm Arbor	1
56	Crank	1

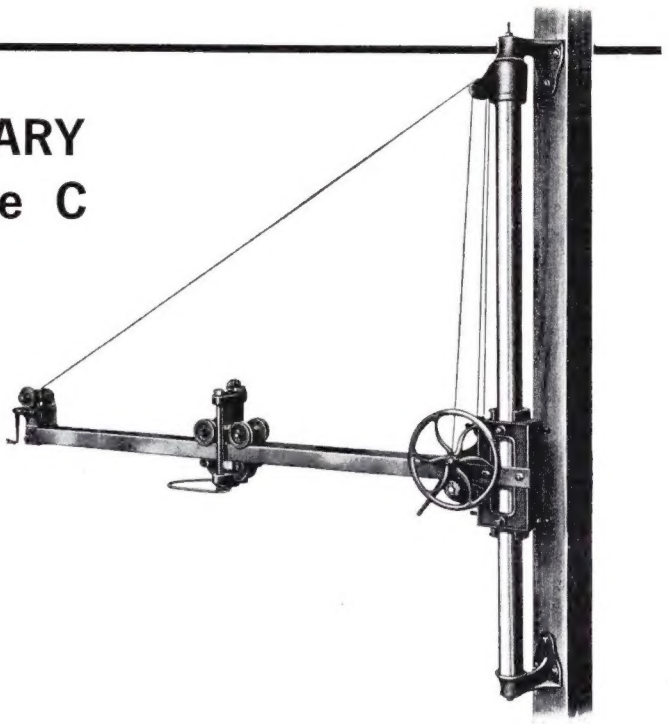


In ordering parts, state whether size JS, SS, or LS.

Tools for use with this machine are listed on page 14.

"BARRE" STATIONARY CRANE SURFACER

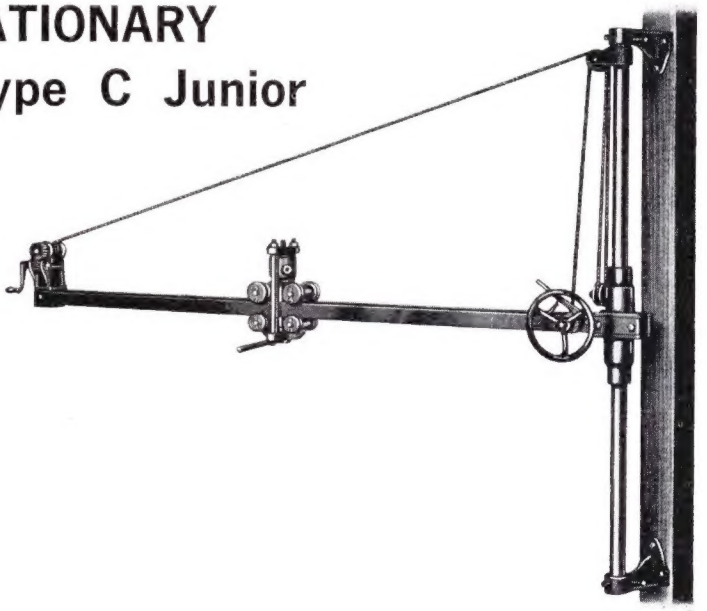
THE "BARRE" STATIONARY CRANE SURFACER, Type C



FRAME SPECIFICATIONS

	SS	LS
Standard double thick tubing	4" dia.	5" dia.
Height, with lower hanger 2 ft. from floor	8'-2"	12' 0"
Carrier Bars, cold rolled steel, length	8'-0"	10'-0"
Working travel of head	5'-6"	7'-4"
Net weight	425 lbs.	825 lbs.
Shipping weight	540 lbs.	1025 lbs.
Shipping weight, with equipment	600 lbs.	1125 lbs.

THE "BARRE" STATIONARY CRANE SURFACER, Type C Junior



FRAME SPECIFICATIONS

	Size JS
Standard, solid steel shafting	$1\frac{15}{16}$" dia.
Height, lower hanger 2 ft. from floor	8'-2"
Carrier Bars, cold rolled steel, length	8'-0"
Working travel of head ..... Vertical	4'-3"
Horizontal	6'-2"
Net weight	260 lbs.
Shipping weight	360 lbs.
Shipping weight, with equipment	400 lbs.

"TROWCO"

CARBIDE TIPPED TOOLS

for use with Pneumatic Carving and Lettering Tools

"C" Machine Chisel

C-1412, ¼" Stock, ½" Shank, ¼" Blade
C-3812, ⅜" Stock, ½" Shank, ⅜" Blade
C-1212, ½" Stock, ½" Shank, ½" Blade
*C-5812, ⅝" Stock, ½" Shank, ⅝" Blade
C-5812, ⅝" Stock, ½" Shank, ¾" Blade
*C-5858, ⅝" Stock, ⅝" Shank, ⅝" Blade
C-3412, ¾" Stock, ½" Shank, ¾" Blade
C-3458, ¾" Stock, ⅝" Shank, ¾" Blade

* C-5812-R } Also made with Heavy
* C-5858-R } Tips for Roughing

"D" Splitter or Cape Chisel

D-1212, ½" Stock, ½" Shank
D-5812, ⅝" Stock, ½" Shank

"E" Carver's Drill

E-1212 x ⅛" Tip, ½" Stock, ½" Shank
E-1212 x 3/16" Tip, ½" Stock, ½" Shank
E-1212 x ¼" Tip, ½" Stock, ½" Shank
E-1212 x ⅜" Tip, ½" Stock, ½" Shank
E-5812 x ½" Tip, ⅝" Stock, ½" Shank
E-5812 x ⅝" Tip, ⅝" Stock, ½" Shank

"F" Cleaning Up Chisel

F-1212 x 1" , ½" Stock, ½" Shank
F-5812 x 1" , ⅝" Stock, ½" Shank
F-5812 x 1 ¼", ⅝" Stock, ½" Shank
F-5812 x 1 ½", ⅝" Stock, ½" Shank
*F-5858 x 1 ¼", ⅝" Stock, ⅝" Shank
*F-3458 x 1 ¼", ¾" Stock, ⅝" Shank

* Made with Heavy Tips for Roughing

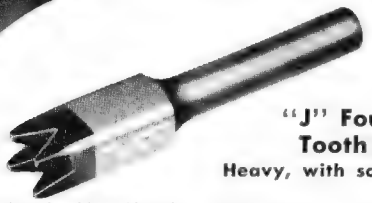
"G" Ripper

G-1212 x 3 Teeth, ½" Stock, ½" Shank
G-5812 x 4 Teeth, ⅝" Stock, ½" Shank
G-5858 x 4 Teeth, ⅝" Stock, ⅝" Shank

"TROWCO" CARBIDE TIPPED TOOLS

for use with Pneumatic Carving and Lettering Tools

"H" Double Blade Chisel
H-5812, 5/8" Stock, 1/2" Shank



"J" Four Point Tooth Chisel
Heavy, with solid shaped tips

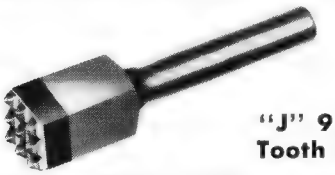
J-1212-4, 1/2" Stock, 1/2" Shank
J-5812-4, 5/8" Stock, 1/2" Shank
J-5858-4, 5/8" Stock, 5/8" Shank
J-3412-4, 3/4" Stock, 1/2" Shank
J-3458-4, 3/4" Stock, 5/8" Shank
BX-4, 7/8" Stock, 11/16" Shank
(For Hand Facer)

"CC" Cup Chisel

CC-7812, 7/8" Round Stock, 1/2" Shank
CC-7858, 7/8" Round Stock, 5/8" Shank

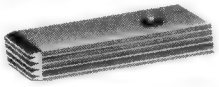
Hollow Plug Drill Bit

3/4" Hex. with 3/4" Hex. Shank
7/8" Hex. with 11/16" Plug Drill Shank
7/8" Hex. with 7/8" Shank
Made in 4-6-8-12-16 inch Drilling Lengths



"J" 9 Point Tooth Chisel

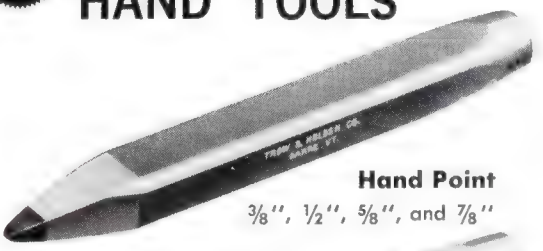
J-5812-9, 5/8" Stock, 1/2" Shank
J-3412-9, 3/4" Stock, 1/2" Shank
J-3458-9, 3/4" Stock, 5/8" Shank
BX-9, 7/8" Stock, 11/16" Shank
(For Hand Facer)



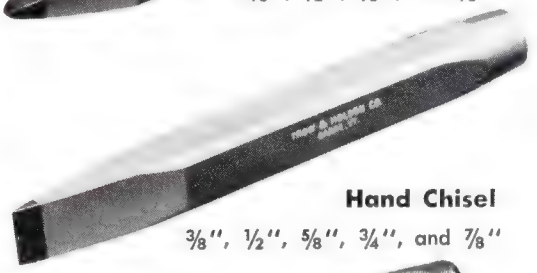
Machine Bush Chisel Cuts

1/4" Opening—4 Blades
5/16" Opening—5 Blades
3/8" Opening—3-4-5-6 Blades
1/2" Opening—3-4-5-6-8 Blades
5/8" Opening—5 Blades
3/4" Opening—4 Blades (Hand Facer)
Boltless Surfacer Bush Chisel Cuts
E-4 for Junior Surfacer
C-4, 6-8-10 Blades Medium Surfacer
Other sizes to order

"BARRE" "TROWCO" CARBIDE TIPPED HAND TOOLS



Hand Point
3/8", 1/2", 5/8", and 7/8"



Hand Chisel
3/8", 1/2", 5/8", 3/4", and 7/8"

Hand Chipper

3/4" Stock, 1 1/4" Blade
7/8" Stock, 1 1/2" Blade
7/8" Stock, 1 3/4" Blade
1" Stock, 2" Blade

Hand Set or Pitching Tool

7/8" Stock, 1 1/2" Blade
1" Stock, 1 1/2" or 2" Blade
1 1/8" Stock, 2" or 2 1/4" Blade
1 1/4" Stock, 2" Blade

Hand Tracer

1" Stock, 1 1/2" or 2" Blade
1 1/8" Stock, 2" or 2 1/2" Blade
1 3/8" Stock, 3" Blade

TOOLS for use with Pneumatic Carving and Lettering Tools

Machine Chisel Blank

Made in two grades, A & B. Order by size number and specify grade.

Regular Length 8 to 9 inches

Size Number	Size of Stock	Size of Shank	Weight per 100
*A-3838	3/8"	3/8"	30 lbs.
*A-3812	3/8"	1/2"	37 lbs.
*A-1238	1/2"	3/8"	55 lbs.
A-1212	1/2"	1/2"	60 lbs.
A-5812	5/8"	1/2"	80 lbs.
A-5858	5/8"	5/8"	88 lbs.
A-3412	3/4"	1/2"	95 lbs.
A-3458	3/4"	5/8"	100 lbs.

Double Shank Blank

Made in two grades, A & B. Order by size number and specify grade. Can also be furnished in other lengths between shanks to order.

4 1/2 to 5 inches between shanks

Size Number	Size of Stock	Size of Shank	Weight per 100
B-1212	1/2"	1/2"	62 lbs.
B-5812	5/8"	1/2"	85 lbs.
B-5858	5/8"	5/8"	95 lbs.
B-3412	3/4"	1/2"	110 lbs.
B-3458	3/4"	5/8"	115 lbs.

Machine Chisel

Made in two grades, A & B. Order by size number and specify grade and if wanted dull or sharp.

Regular length 9 inches
Longer lengths at slight extra cost

Size Number	Size of Stock	Size of Shank	Weight per 100
*C-3838	3/8"	3/8"	33 lbs.
*C-3812	3/8"	1/2"	38 lbs.
*C-1238	1/2"	3/8"	55 lbs.
C-1212	1/2"	1/2"	60 lbs.
C-5812	5/8"	1/2"	83 lbs.
C-5858	5/8"	5/8"	88 lbs.
C-3412	3/4"	1/2"	95 lbs.
C-3458	3/4"	5/8"	100 lbs.

Splitter or Cape Chisel

Made in two grades, A & B. Order by size number and specify grade and if wanted dull or sharp.

Regular length 8 1/2 to 9 inches

Size Number	Size of Stock	Size of Shank	Weight per 100
*D-3838	3/8"	3/8"	30 lbs.
*D-1238	1/2"	3/8"	45 lbs.
D-1212	1/2"	1/2"	52 lbs.
D-5812	5/8"	1/2"	75 lbs.
D-5858	5/8"	5/8"	80 lbs.

Carvers Drill

Made in two grades, A & B. Order by size number and specify grade and if wanted dull or sharp.

Regular length 10 inches

Size Number	Size of Stock	Size of Shank	Weight per 100
E-1212	1/2"	1/2"	60 lbs.
E-5858	5/8"	5/8"	80 lbs.

* Made to Order only

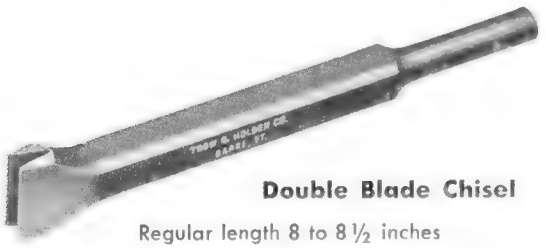
TOOLS for use with Pneumatic Carving and Lettering Tools

Cleaning Up Chisel

Regular length 9 inches

Size Number	Size of Stock	Size of Shank	Width of Blade	Weight per 100
F-1212	1/2"	1/2"	1"	60 lbs.
F-5812	5/8"	1/2"	1 1/2"	80 lbs.
F-5858	5/8"	5/8"	1 1/2"	85 lbs.

Made in two grades, A & B. Order by size number and specify if wanted dull or sharp. Can be furnished in wider blades at list price of Marble Cutting Chisels page 12 if desired.

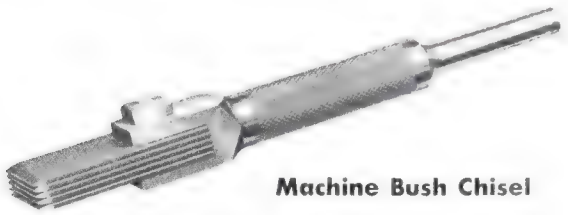


Double Blade Chisel

Regular length 8 to 8 1/2 inches

Size Number	Size of Stock	Size of Shank	Width of Blade
H-5812	5/8"	1/2"	1 1/4"
H-5858	5/8"	5/8"	1 1/4"
H-3412	3/4"	1/2"	1 1/2"
H-3458	3/4"	5/8"	1 1/2"

Made in two grades, A & B. Order by size number and specify grade.



Machine Bush Chisel

Size Number	Opening for Blades	Size of Shank	Number of Blades
1-58	3/4"	5/8"	4 to 14
1-12	3/4"	1/2"	4 to 14
2-58	5/8"	5/8"	4 to 12
2-12	5/8"	1/2"	4 to 12
3-58	1/2"	5/8"	3 to 10
3-12	1/2"	1/2"	3 to 10
4-12	3/8"	1/2"	3 to 7
5-12	5/16"	1/2"	3 to 6
6-12	1/4"	1/2"	3 to 5
7-12	1/4"	1/2"	3 to 5

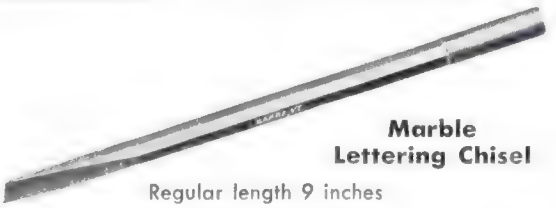
Order by size number and specify number of blades.

Ripper

Regular length 9 inches

Size Number	Size of Stock	Size of Shank	Number of Teeth
G-1212	1/2"	1/2"	4, 5, or 6
G-5812	5/8"	1/2"	6
G-5858	5/8"	5/8"	6

Made in two grades, A & B. Order by size number and specify number of teeth wanted.

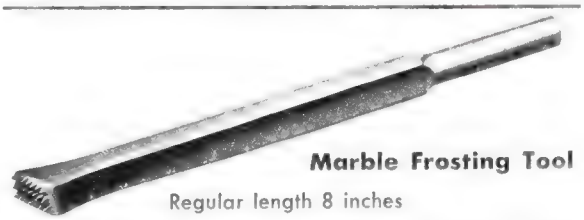


Marble Lettering Chisel

Regular length 9 inches

Size Number	Size of Stock	Size of Shank	Weight per 100
*K-3838	3/8"	3/8"	25 lbs.
*K-3812	3/8"	1/2"	30 lbs.
*K-1238	1/2"	3/8"	40 lbs.
K-1212	1/2"	1/2"	50 lbs.

Made in two grades, A & B. Order by size number and specify grade and if wanted dull or sharp.



Marble Frosting Tool

Regular length 8 inches

Size Number	Size of Stock	Size of Shank	Number of Rows of Teeth	No. of Teeth Per Row
*L-12	3/8"	3/8"	2	6
*L-16	3/8"	3/8"	4	4
*L-18	3/8"	3/8"	3	6
*L-36	3/8"	3/8"	6	6
M-16	1/2"	1/2"	2	8
M-24	1/2"	1/2"	3	8
M-32	1/2"	1/2"	4	8
M-36	1/2"	1/2"	6	6
M-64	1/2"	1/2"	8	8

Made in Grade A only. Order by size number.

Carving Tool Channeler

Size Number	Cutting Depth	Size Stock	Size Shank	Thickness of Flat	Thickness of Edge
N-5812	6"	5/8"	1/2"	1/4"	5/16"
N-5858	6"	5/8"	5/8"	1/4"	5/16"

* Made to order only

TOOLS for use with Pneumatic Carving and Lettering Tools

Four Point Tooth Chisel

Regular length 8 1/2 inches

Size Number	Size of Stock	Size of Shank
I-1212-4	1/2"	1/2"
I-5812-4	5/8"	1/2"
I-5858-4	5/8"	5/8"
I-3412-4	3/4"	1/2"
I-3458-4	3/4"	5/8"

Nine Point Tooth Chisel

Regular length 8 1/2 inches

Size Number	Size of Stock	Size of Shank
I-1212-9	1/2"	1/2"
I-5812-9	5/8"	1/2"
I-5858-9	5/8"	5/8"
I-3412-9	3/4"	1/2"
I-3458-9	3/4"	5/8"

Four Point Tooth Chisel

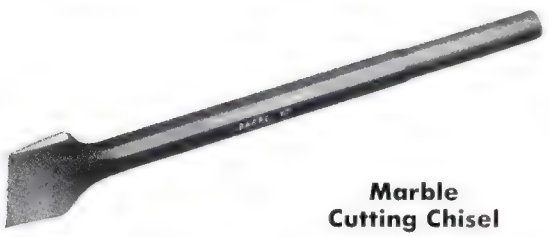
Regular length 4 1/2 inches

Size Number	Size of Stock	Size of Shank
J-1212-4	1/2"	1/2"
J-5812-4	5/8"	1/2"
J-5858-4	5/8"	5/8"
J-3412-4	3/4"	1/2"
J-3458-4	3/4"	5/8"

Nine Point Tooth Chisel

Regular length 4 1/2 inches

Size Number	Size of Stock	Size of Shank
J-1212-9	1/2"	1/2"
J-5812-9	5/8"	1/2"
J-5858-9	5/8"	5/8"
J-3412-9	3/4"	1/2"
J-3458-9	3/4"	5/8"



Marble Cutting Chisel

Size Number	Width of Blade	Size of Stock	Size of Shank
3/4-12	3/4"	1/2"	1/2"
1-12	1"	1/2"	1/2"
1 1/4-12	1 1/4"	1/2"	1/2"
1 1/2-12	1 1/2"	1/2"	1/2"
1 3/4-12	1 3/4"	5/8"	1/2"
2-12	2"	5/8"	1/2"
2-58	2"	5/8"	5/8"
2 1/2-12	2 1/2"	5/8"	1/2"
2 1/2-58	2 1/2"	5/8"	5/8"
3-12	3"	3/4"	1/2"
3-58	3"	3/4"	5/8"

Marble Tooth Chisel

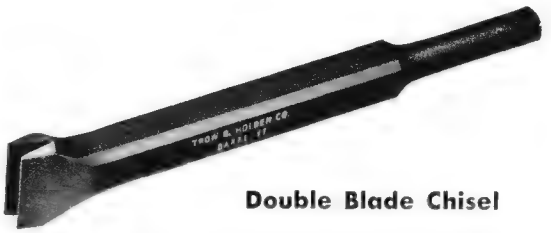
Size Number	Width of Blade	Size of Stock	Size of Shank
3/4-12	3/4"	1/2"	1/2"
1-12	1"	1/2"	1/2"
1 1/4-12	1 1/4"	1/2"	1/2"
1 1/2-12	1 1/2"	1/2"	1/2"
1 3/4-12	1 3/4"	5/8"	1/2"
2-12	2"	5/8"	1/2"
2-58	2"	5/8"	5/8"
2 1/2-12	2 1/2"	5/8"	1/2"
2 1/2-58	2 1/2"	5/8"	5/8"
3-12	3"	3/4"	1/2"
3-58	3"	3/4"	5/8"

All tools on this page made in A & B Grades. Order by size number and specify grade.

"BARRE" TOOLS for use with Pneumatic Hand Surfacer

Tooth Chisel

Made of 7/8" stock, 1 1/16" shank, 6 inches overall
Size Number BX-4, Four Teeth
Size Number BX-9, Nine Teeth



Double Blade Chisel

Size Number BX-34, length 8 1/2", 3/4" stock, 1 1/16" shank

Bush Chisel

Size Number BX, 3/4" opening, 1 1/16" shank, 4 to 14 blades
Specify number of blades when ordering.

Plug Drill Bit

Size Number BX, made of 5/8" stock, 1 1/16" shank, 15 inches long, drawn to 5/8" bit
(For Hand Facer and Baby Plugger only)

"BARRE" TOOLS for use with Pneumatic Plug Driller

Plug Drill Bit

Regular Length 17 1/2 to 18 inches—
Shanks 1 1/16" x 2 1/2", tempered

Size Number	Size of Stock	Size of bit end dull	Size Wedges and Shims used with	Weight Per 100
34-QR	3/4" Qr Oct	9/16"	5, 6 & 7	200 lbs.
34-QS	3/4" Qr Oct	17/32"	2, 3 & 4	200 lbs.
34-SR	3/4" square	9/16"	5, 6 & 7	200 lbs.
34-SS	3/4" square	17/32"	2, 3 & 4	200 lbs.

Channeling Tool

Shank 1 1/16" x 2 1/2"

Size Number	Cutting Depth	Size of Stock	Thickness of Flat Section	Thickness of Cutting Edge
No. 1	6"	7/8"	3/8"	9/16"
No. 2	6"	1 5/16"	1/2"	3/4"
No. 3	12"	7/8"	3/8"	9/16"

To cut channel 6 inches deep or less, use No. 1 only. To cut channel 6 inches to 12 inches deep, use No. 2 and follow with No. 3.

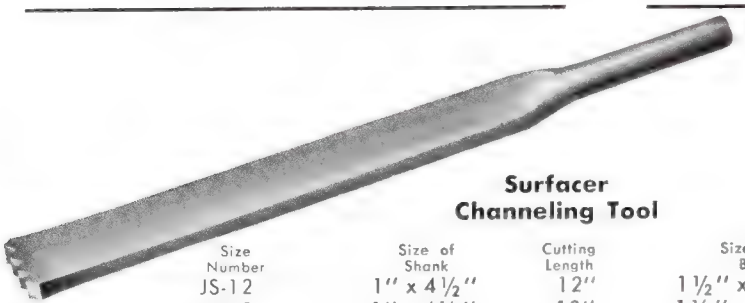
"BARRE" TOOLS for use with Pneumatic Surfacing Machines

Surfacer Tooth Chisel

Size Number	Size of Stock	Size of Shank	Length Overall
J.S.	1 1/8" Square	1" x 4 1/2"	7 1/2"
S.S.	1 3/8" Square	1 1/4" x 5 1/2"	11"
L.S.	1 1/2" Square	1 1/2" x 7 1/2"	13"

Surfacer Cross Bit Drill

Size Number	Size of Shank	Drilling Length	Size of Bit
SS-12	1 1/4" x 5 1/2"	12"	1 7/8"
SS-18	1 1/4" x 5 1/2"	18"	1 3/4"
LS-12	1 1/2" x 7 1/2"	12"	2 1/4"
LS-18	1 1/2" x 7 1/2"	18"	2 1/8"
LS-24	1 1/2" x 7 1/2"	24"	2"



Surfacer Channeling Tool

Size Number	Size of Shank	Cutting Length	Size of Bit
JS-12	1" x 4 1/2"	12"	1 1/2" x 1 1/16"
JS-18	1" x 4 1/2"	18"	1 1/2" x 5/8"
SS-12	1 1/4" x 5 1/2"	12"	2 1/2" x 7/8"
SS-18	1 1/4" x 5 1/2"	18"	2 1/2" x 3/4"
LS-12	1 1/2" x 7 1/2"	12"	3" x 1 "
LS-18	1 1/2" x 7 1/2"	18"	3" x 7/8"
LS-24	1 1/2" x 7 1/2"	24"	3" x 3/4"

"BARRE" Boltless Surfacer Bush Chisel

Size "E" for Junior Surfacer, Opening of Jaws 1", Shank 1"
Size "C" for Medium Surfacer, Opening of Jaws 1 1/4", Shank 1 1/4"
Size "A" for Large Surfacer, Opening of Jaws 2", Shank 1 1/2"

When ordering complete chisel or extra blades specify size number below.

Junior Surfacer	Medium Surfacer	Large Surfacer	Number of Blades	Termed
		A-4	4	Coarse 4 cut
E-4	C-4	A-6	4- 4-6	4 cut
E-8	C-8	A-12	8- 8-12	6 cut
E-10	C-12	A-16	10-12-16	8 cut
E-12	C-16	A-24	12-16-24	10 cut
E-16	C-20	A-30	16-20-30	12 cut

"BARRE"

HOLLOW DRILL STEELS

Steels for Detachable Bits

New Drill Steels in 7/8" and 1" Hexagon, 1", 1 1/8" and 1 1/4", 1 1/2" Round, can be furnished for any of the standard detachable bits, either steel or carbide inserts.

Repairs (New threads and shanks) on any of the standard drill rods promptly made.

AUTHORIZED DISTRIBUTORS for:

TIMKEN
TRADE-MARK REG. U. S. PAT. OFF. AND IN CANADA

REMOVABLE ROCK BITS

Rock Bit Engineering Service

"BARRE" HAND CUTTING TOOLS

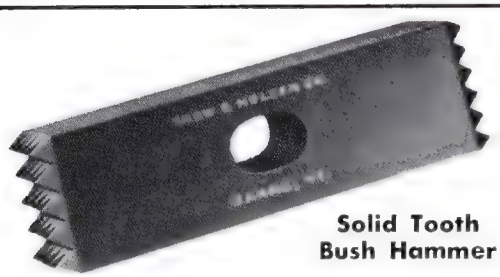
Hand Point and Hand Chisel

Regular length points, 8 to 9 inches, chisels 7 1/2 to 8 inches

Size	Average Weight of Points per hundred	Average Weight of Chisels per hundred
3/8"	30 lbs.	25 lbs.
1/2"	50 lbs.	45 lbs.
5/8"	85 lbs.	80 lbs.
3/4"	125 lbs.	115 lbs.
7/8"	175 lbs.	160 lbs.
15/16"	200 lbs.	175 lbs.
1"	225 lbs.	200 lbs.

Hand Set

Size Number	Size of Stock	Width of Blade
3/4"	3/4"	1 1/2"
7/8"	7/8"	1 3/4"
1"	1"	2"
1 1/8"	1 1/8"	2 1/4"
1 1/4"	1 1/4"	2 1/2"
1 3/8"	1 3/8"	3"



Solid Tooth Bush Hammer

(for concrete and soft stone)

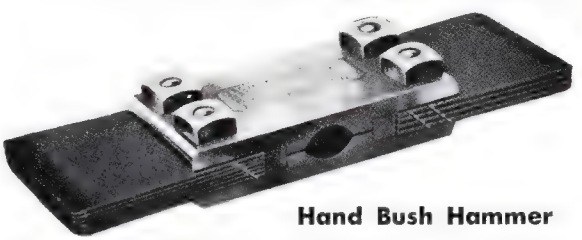
Size Number	Approximate Length	Approximate Weight	Number of Teeth
1 1/2"	6"	3 1/2 lbs.	25 & 36
1 3/4"	6 1/2"	5 1/2 lbs.	25 & 36
2"	7"	7 1/2 lbs.	25 & 36

Hand Chipper

Size Number	Size of Stock	Width of Blade
1/2"	1/2"	1"
5/8"	5/8"	1 1/4"
3/4"	3/4"	1 1/2"
7/8"	7/8"	1 3/4"
1"	1"	2"

Hand Tracer or Pitching Tool

Size Number	Size of Stock	Width of Blade
3/4"	3/4"	1 3/8"
7/8"	7/8"	1 1/2"
1"	1"	1 3/4"
1 1/8"	1 1/8"	1 7/8"
1 1/4"	1 1/4"	2"



Hand Bush Hammer

Size Number	Opening of Jaws	Cuts per End	Weight
1-H	1"	4	10 1/2 lbs.
1-L	15/16"	4	10 lbs.
2-H	7/8"	6	9 1/2 lbs.
2-L	13/16"	6	9 lbs.
3-H	13/16"	8	7 1/2 lbs.
3-L	3/4"	8	7 lbs.
4-H	11/16"	10	6 1/2 lbs.
4-L	5/8"	10	6 1/4 lbs.
5-H	5/8"	12	5 lbs.
5-L	9/16"	12	4 3/4 lbs.

Hand Plug Drill

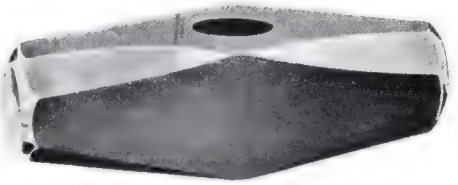
Regular length about 17 inches

Size Number	Diameter of Bit End Dull	Average Weight per hundred	Size Wedges and Shims used with
3/4-R	17/32"	200 lbs.	4, 5, 6, & 7
3/4-S	15/32"	190 lbs.	2, 3, & 4

"BARRE" HAMMERS

Cutters Hand Hammer

Made in 1¼ lb. to 4 lb. sizes, graduating in quarter pound units.



Striking Hammer

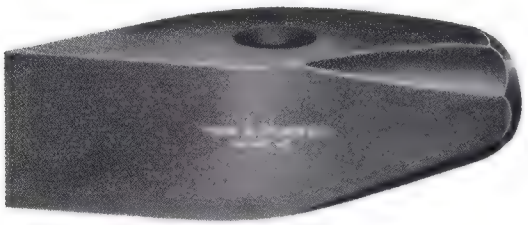
Sizes 6, 8, 10, 12, 14, and 16 lbs.

Bull Set

Sizes 8, 10, 11, 12, 14, and 16 lbs.

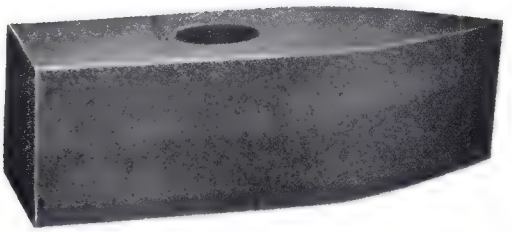
Paving Cutters Side Hammer

Sizes 4, 4½, 5, 5½, 6, and 6½ lbs.



Slab Splitter

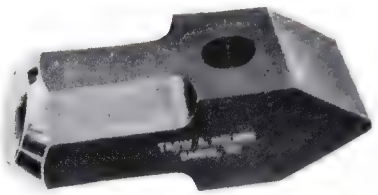
Sizes 8, 10, 11, and 12 lbs.



Stone Masons or Mash Hammer

Made in 3, 4, 5, 6, 7, 8, 10, 12, 14, and 16 lbs. sizes.

"BARRE" SHARPENERS TOOLS



Beveled Face Sharpeners Hammer

Made in 2¾, 3, 3¼, 3½, 3¾, and 4 lbs. sizes.

Point and Chisel Tongs

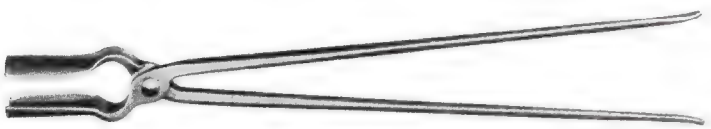
Made in ⅜", ½", ⅝", ¾", ⅞", 1", 1⅛", and 1¼" sizes.

Bush Hammer Cut Tongs

Light, Heavy and Extra Heavy.

Machine Chisel Tongs

Made in ⅜", ½", ⅝" and 11/16" sizes.



Surfacer Tooth Chisel Tongs

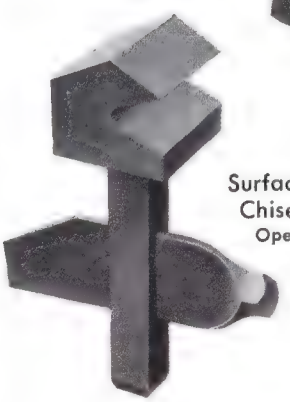
Made in 1", 1¼", and 1½" sizes for J.S., S.S., and L.S. Tooth Chisels.

ANVIL STAKES

Flat Face Stake

Small Tooth Chisel Stake
Drilled

Surfacer Tooth Chisel Stake
Box Type



Surfacer Tooth Chisel Stake
Open Type

STONE WORKING SUPPLIES

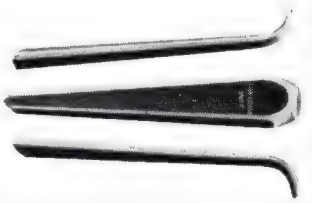
Stone Splitting Wedges and Shims (illustrated)

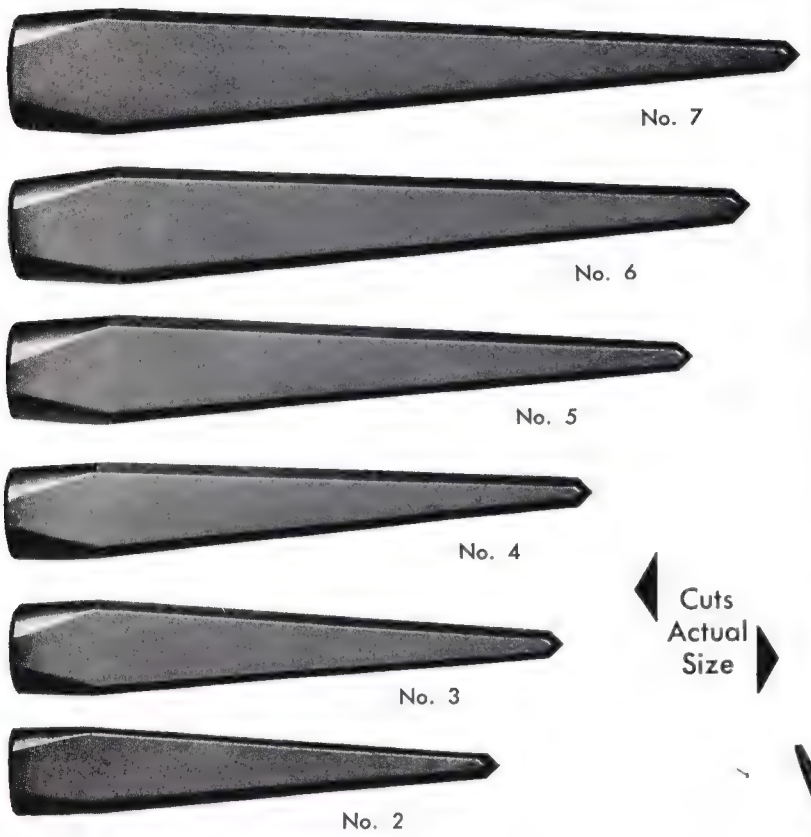
Size Number	Length	Wedge Steel	Shim Steel	Average Weight per 100 sets
2	2 1/2"	1/2 x 7/16	3/8"	17.5 lbs.
3	2 3/4"	1/2 x 7/16	3/8"	19.8 lbs.
4	3"	1/2 x 1/2	3/8"	28.5 lbs.
5	3 1/2"	9/16 x 1/2	3/8"	36 lbs.
6	3 3/4"	9/16 x 1/2	3/8"	37.5 lbs.
7	4"	5/8 x 1/2	3/8"	43 lbs.

Nos. 5-6-7 can be furnished with oversize shims for use in slightly larger holes if desired.

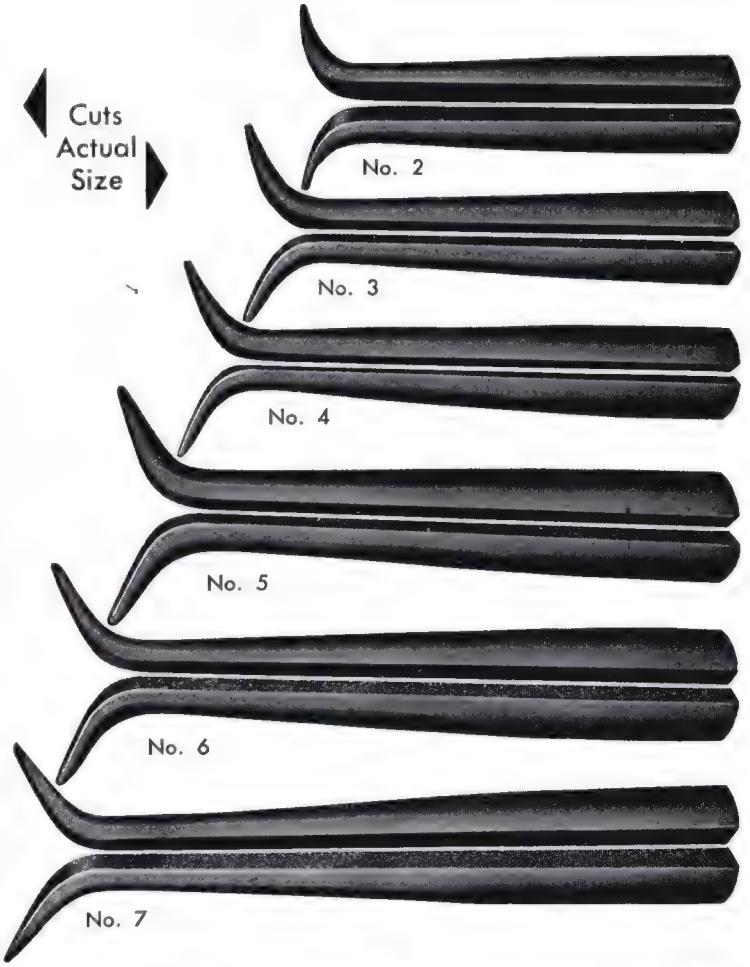
Special Wedges & Shims for Small Holes

For 3/8" and 1/2" holes





Cuts Actual Size



Deep Hole Wedges and Shims

Size	Size of Wedge	Size of Shim	Dia. of Hole	Approx. Wt. per set
6 in.	3/4"	3/4"	1"-1 1/8"	1.3 lbs.
8 in.	1"	7/8"	1 1/4"	3 lbs.
12 in.	1"	7/8"	1 1/4"	4.5 lbs.
18 in.	1"	7/8"	1 1/4"	7 lbs.
24 in.	1"	7/8"	1 1/4"	9.5 lbs.
36 in.	1"	7/8"	1 1/4"	14 lbs.
48 in.	1"	7/8"	1 1/4"	19 lbs.
60 in.	1 1/8"	1"	1 3/8"	26 lbs.
72 in.	1 1/8"	1"	1 3/8"	32 lbs.
84 in.	1 1/4"	1"	1 1/2"	52 lbs.
96 in.	1 1/4"	1"	1 1/2"	60 lbs.

Dia. of hole given is smallest hole these can be used in. Wedges and Shims can be used in holes 1/4" larger than listed.
Special Sizes to Order.

STONE WORKING SUPPLIES

"Barre" Air Hose

We carry the following sizes in stock:

3/8" for Carving Tools and Hand Facer
1/2" for Plug Drills, Junior Surfacer
5/8" for Medium Surfacer
3/4" for Large Surfacer

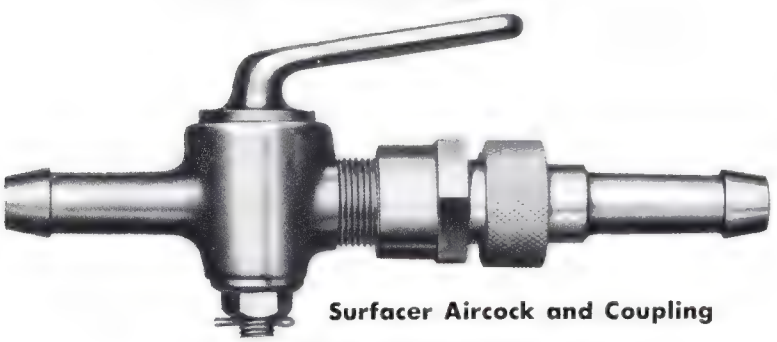
Inlet Bushings

No. 1
1/4"x1/4" for Carving Tools

No. 2
3/8"x1/4" for Plug Driller

No. 3
3/4" x 1/2" for Surfacers

"Barre" Stopcock
For 3/8" and 1/2" Hose



Surfacer Aircock and Coupling

Size 1/2" for Junior Surfacer
Size 5/8" for Medium Surfacer
Size 3/4" for Large Surfacer

Steel Hose Nipple

3/8" for 3/8" Hose Pipe, 1/4" thread
1/2" for 1/2" Hose Pipe, 1/4" thread
5/8" for 5/8" Hose Pipe, 3/8" thread
3/4" for 3/4" Hose Pipe, 1/2" thread

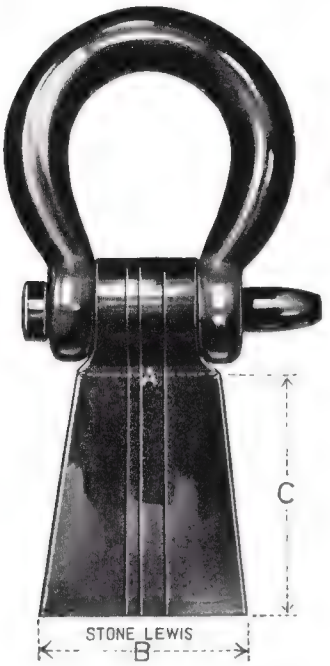
Hose Connector or Mending Nipple
Size 3/8", 1/2", 5/8" and 3/4"

Hose Pliers and Fasteners
For all sizes of hose listed

Plug Drill Dust Collar
Used for keeping the hole being drilled clear of dust

Plug Drill Rotating Wrench
Used for rotating plug drill bits.
For 3/4 Sq. & 7/8 Hex. Drills.

"BARRE" STONE WORKING SUPPLIES



Stone Lewis

Size No.	A	B	C	Thickness of lewis	Dia. of Pin	Nominal Cap. lbs.
1	2"	2 3/4"	3 1/4"	3/8"	5/8"	3000
2	2 1/2"	3 1/4"	3 1/2"	1/2"	3/4"	5000
3	3"	4"	4 1/2"	5/8"	1"	8000
4	3 1/4"	4 1/2"	5"	3/4"	1 1/4"	12000
5	3 1/2"	5"	5 3/4"	7/8"	1 3/8"	16000
6	4"	5 1/2"	6 1/2"	1"	1 1/2"	22000
7	4 1/2"	6"	7 1/4"	1 1/8"	1 5/8"	30000

Lifting Dogs

(Made of steel, with steel shackles and pins)

Size	Size of Ring Stock	Approx. wt. per pair	Nominal Capacity
1" x 1"	1/2"	8 lbs.	1/2 ton
1 1/4" x 1 1/4"	5/8"	14 lbs.	1 ton
1 1/2" x 1 1/2"	3/4"	18 lbs.	2 tons
1 3/4" x 1 3/4"	7/8"	27 lbs.	4 tons
2" x 2"	1 1/8"	40 lbs.	6 1/2 tons
2 1/2" x 2"	1 1/4"	62 lbs.	9 tons
3" x 2"	1 3/8"	80 lbs.	12 tons

Pin Lewis

Used for lifting rough or finished building stone. Safe and convenient. Depth of drilled hole must be at least length of Pin. Hole size should not be more than 1/8" larger than Pin size.

Size of Pin	Length of Pin	Size of Ring Stock	Inside Dia. of Ring	Nominal Capacity
1/2"	4"	7/16"	2 1/2"	1/2 ton
5/8"	4"	1/2"	3"	3/4 ton
3/4"	5"	5/8"	4"	1 ton
7/8"	5 1/2"	3/4"	4 1/4"	1 1/2 ton
1"	5 3/4"	7/8"	4 1/2"	2 ton
1 1/8"	6"	1"	4 3/4"	3 ton
1 1/4"	6 1/4"	1 1/8"	5"	4 1/2 ton
1 3/8"	6 1/2"	1 1/4"	5 1/2"	6 ton
1 1/2"	6 3/4"	1 3/8"	6"	8 ton

"BARRE" STONE WORKING SUPPLIES

"Barre" Straight Edge

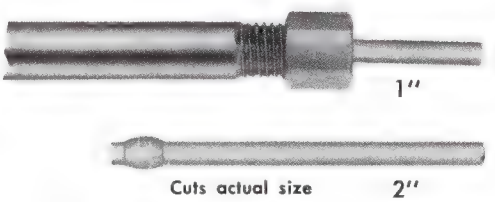
Made of stiff carbon steel 1¼" wide, accurately machined for straightness with beveled edges. 3 ft., 4 ft., 5 ft., 6 ft., 7 ft., 8 ft. lengths. Blades will be furnished without the Heads and Slides if desired.

Lathe Discs

Size	Average Wt. ea.	Size	Average Wt. ea.
12" x 5/8"	20 lbs.	16" x ¾"	43 lbs.

Unless otherwise specified, finished discs will be furnished with a 1½" round hole in center, countersunk on one side.

Stonecutters Glasses



Gold Band Shape Carving Nozzles and Holders

Handles

Best second growth hickory.
10" and 12" lengths for light hammers.
13" plain and swelled ends for 2 to 4 lb. hammers.
30" striking hammer handles.

Pneumatic Tool Oil

"BARRE" Pneumatic Tool Oil is a special white spindle oil which will not gum. It is the best for all types of pneumatic tools.

In one gallon and five gallon cans.

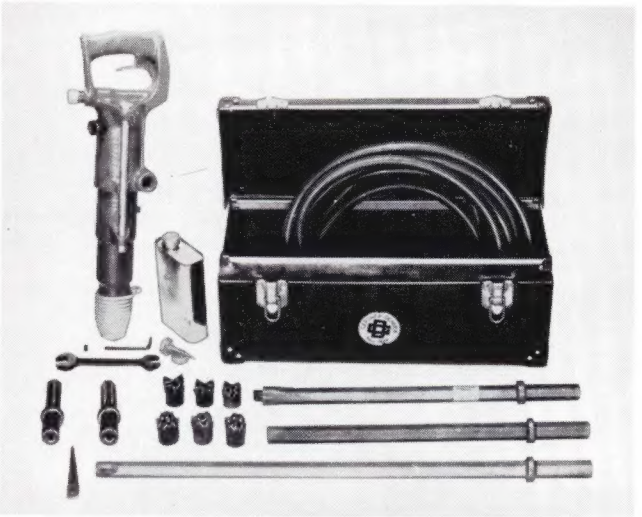
Other Supplies—We carry a stock of items such as squares, camwood, chalk, pencils, etc. Let us know your needs.

AGENTS FOR

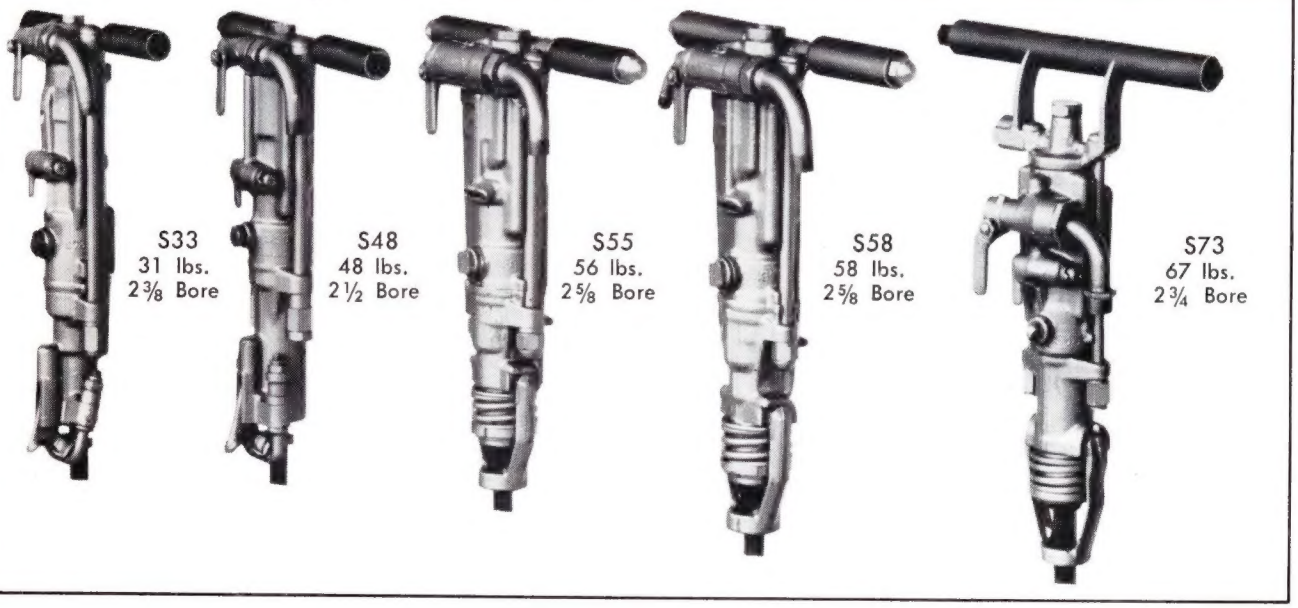
GARDNER-DENVER

HAND HELD DRILLS (SINKERS)

S-17HT
UTILITY DRILL
22½ lbs.



Model S17HD Utility Drill with Carrying Case and accessories.



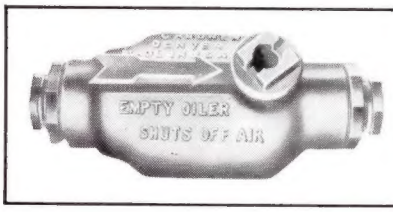
S33
31 lbs.
2⅜ Bore

S48
48 lbs.
2½ Bore

S55
56 lbs.
2⅝ Bore

S58
58 lbs.
2⅝ Bore

S73
67 lbs.
2¾ Bore



LO12 Automatic Line Oiler

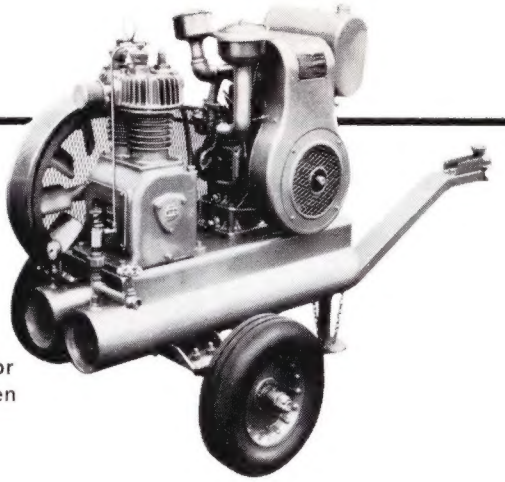
—shuts off line air when all the oil has been used—there is absolutely no chance to run tools dry. Assures positive lubrication of any pneumatic equipment using from 25 to 500 cubic feet of air per minute.

AGENTS FOR

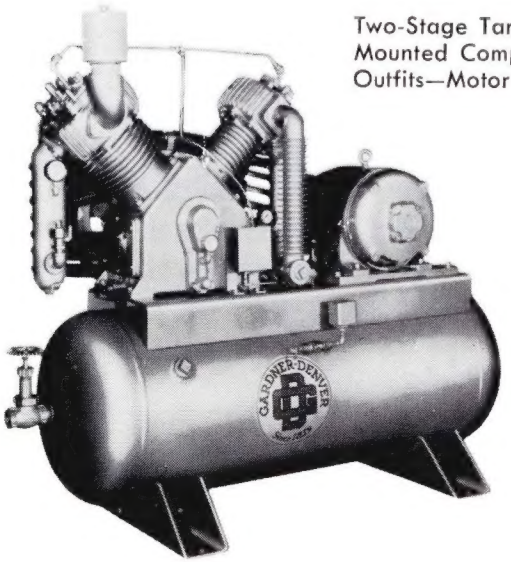
GARDNER-DENVER COMPRESSORS

Air Cooled Compressors

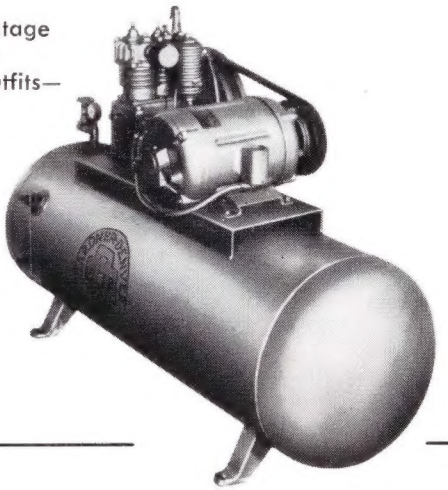
For Every Need!

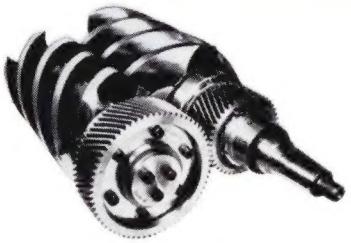


Two-Stage Tank—Mounted Compressor Outfits—Motor Driven

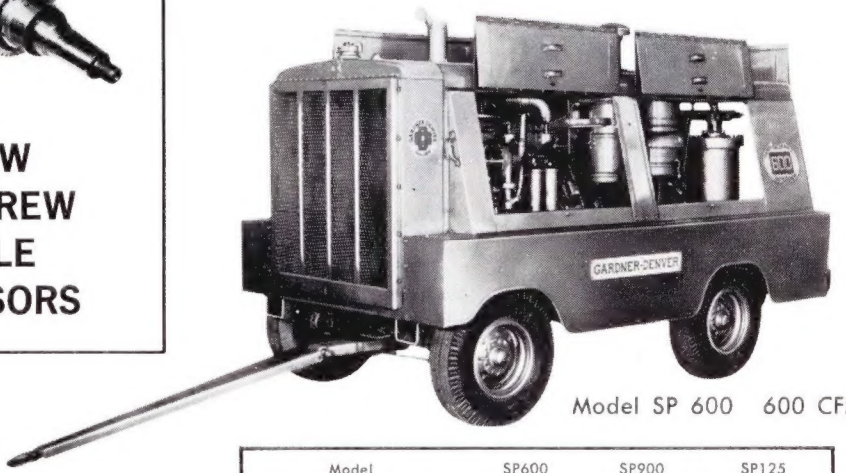


Single or Two-Stage Tank—Mounted Compressor Outfits—Engine Driven





ALL NEW ROTA-SCREW PORTABLE COMPRESSORS



Model SP 600 600 CFM

Model	SP600	SP900	SP125
Actual capacity at 100 psi	600 cfm	900 cfm	125 cfm

AGENTS FOR

GARDNER-DENVER

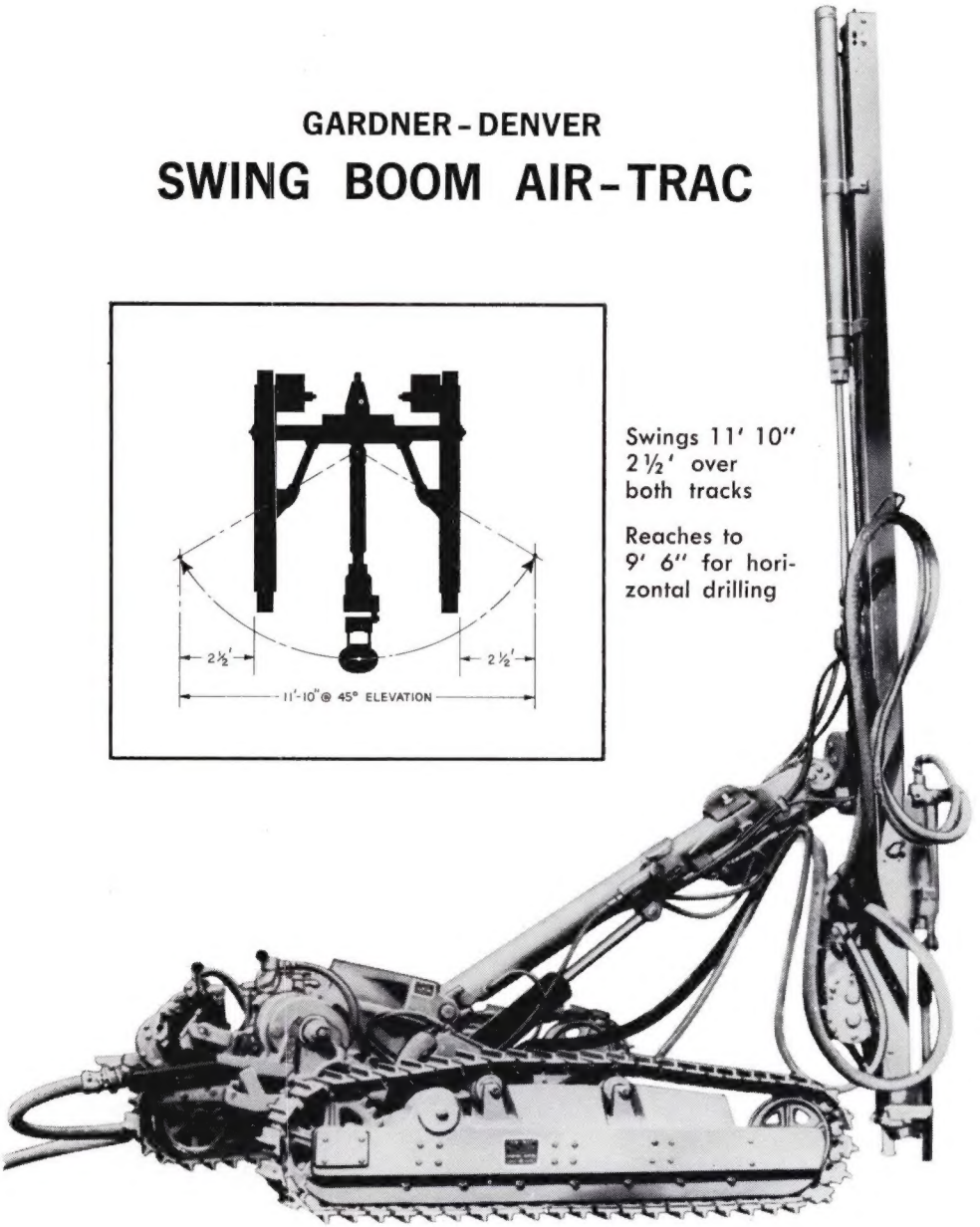
ROCK DRILLING EQUIPMENT

GARDNER-DENVER

SWING BOOM AIR-TRAC

Swings 11' 10" 2½' over both tracks

Reaches to 9' 6" for horizontal drilling



MORE SWING • MORE REACH • MORE FOOTAGE

TROW
&
HOLDEN
COMPANY

BARRE,
VERMONT

D-M

sales and expeditious service to industry

ABRASIVES - ABRASIVE BLAST EQUIPMENT - DUST COLLECTORS - AIR COMPRESSORS

DAWSON-MACDONALD CO., INC. 141 PEARL STREET - BOSTON, MASS. 02110

Printed in U. S. A.